

KVR400D8R3AK2/1G

**1GB (512MB 64M x 72-Bit x 2 pcs.) DDR400
Registered CL3 ECC 184-Pin DIMM Kit (2 pcs.)**

DESCRIPTION:

ValueRAM's KVR400D8R3AK2/1G is a kit of two 64M x 72-bit (512MB) DDR400 CL3 SDRAM (Synchronous DRAM) "dual rank" Registered ECC memory modules. Total kit capacity is 1GB (1024MB). The components on each module include eighteen 32M x 8-bit (8M x 8-Bit x 4 bank) DDR400 SDRAM in TSOP packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

FEATURES:

✓ Clock Cycle Time (tCK)	5ns (min.) / 10ns (max.)
✓ Row Cycle Time (tRC)	55ns (min.)
✓ Refresh Row Cycle Time (tRFC)	70ns (min.)
✓ Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
✓ Single Power Supply of	+2.6V (+/- .1V)
✓ Power	4.415 W (operating per module)
✓ UL Rating	94 V - 0

Note: The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here. However, in no configuration will the module height exceed 1.200" (30.48mm).

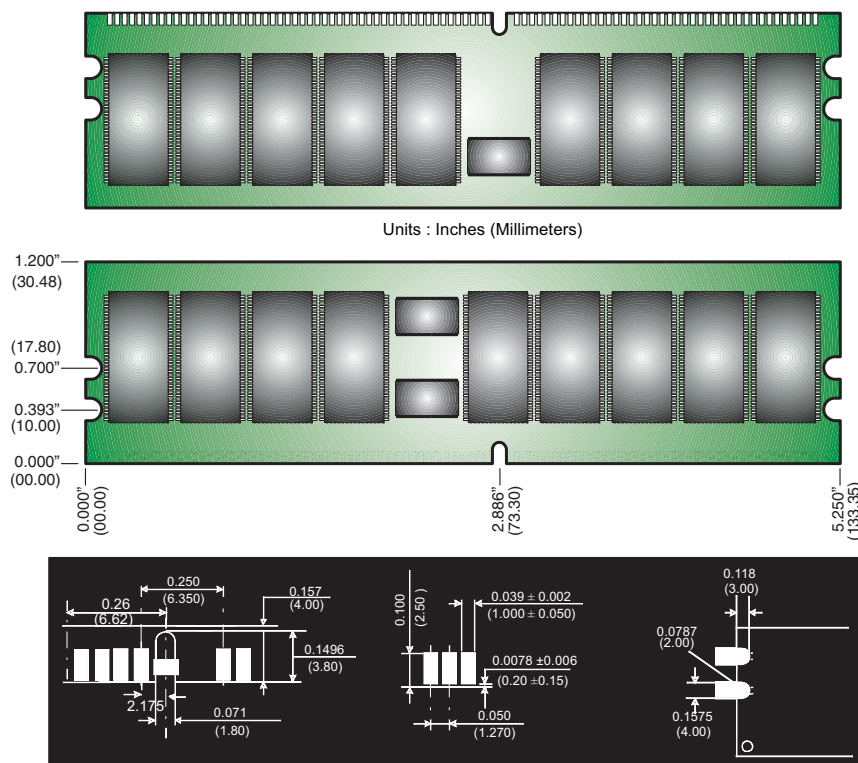


Figure 1: KVR400D8R3AK2/1G 184-Pin DIMM